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SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

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FILE 'PATDPAFULL' ENTERED AT 10:31:27 ON 29 MAY 2007

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FILE 'RDISCLOSURE' ENTERED AT 10:31:27 ON 29 MAY 2007

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FILE 'USPATFULL' ENTERED AT 10:31:27 ON 29 MAY 2007

CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 10:31:27 ON 29 MAY 2007

CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s aspartates

L1 2432 ASPARTATES

=> s l1 and equivalent ratio# and primary amino group# and C=C double bond#
NUMERIC VALUE NOT VALID 'C DOUBLE BOND#'

Numeric values may contain 1-8 significant figures. If range notation is used, both the beginning and the end of the range must be specified, e.g., '250-300/MW'. Expressions such as '250-/MW' are not allowed. To search for values above or below a given number, use the >, =>, <, or <= operators, e.g., 'MW => 250'. Text terms cannot be used in numeric expressions. If you specify a unit, it must be dimensionally correct for that field code. To see the unit designations for field codes in the current file, enter "DISPLAY UNIT ALL" at an arrow prompt (=>).

=> s l1 and equivalent ratio# and primary amino group# and double bond#
5 FILES SEARCHED...

L2 56 L1 AND EQUIVALENT RATIO# AND PRIMARY AMINO GROUP# AND DOUBLE BOND#

=> s l2 and polyamine#

L3 51 L2 AND POLYAMINE#

=> s l3 and inert towards isocyanate#

L4 39 L3 AND INERT TOWARDS ISOCYANATE#

=> s l4 and oxirane#

L5 2 L4 AND OXIRANE#

=> d l5 1-2

L5 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2007 Univentio on STN
 AN 2005035482 PCTFULL ED 20050425 EW 200516
 TIEN PROCESS FOR PREPARING ASPARTATES
 TIFR PROCEDE DE PREPARATION D'ASPARTATES
 IN ROESLER, Richard, R., 863 Hillcrest Circle, Wexford, PA 15090-7583, US
 [US, US];
 SQUILLER, Edward, P., 722 Augusta Drive, Bridgeville, PA 15017, US [US,
 US];
 WAYT, Terry, D., 1503 Fifth Street, Moundsville, WV 26041-1920, US [US,
 US];
 LONG, Brian, 52044 Case Ridge Road, Clarington, OH 43915, US [US, US]
 PA BAYER MATERIALSCIENCE LLC, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 [US, US], for all designates States except US;
 ROESLER, Richard, R., 863 Hillcrest Circle, Wexford, PA 15090-7583, US
 [US, US], for US only;
 SQUILLER, Edward, P., 722 Augusta Drive, Bridgeville, PA 15017, US [US,
 US], for US only;
 WAYT, Terry, D., 1503 Fifth Street, Moundsville, WV 26041-1920, US [US,
 US], for US only;
 LONG, Brian, 52044 Case Ridge Road, Clarington, OH 43915, US [US, US],
 for US only
 AG GIL, Joseph, C., Bayer MaterialScience LLC, 100 Bayer Road, Pittsburgh,
 PA 15205-9741, US
 LAF English
 LA English
 DT Patent
 PI WO 2005035482 A2 20050421
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
 SL TJ TR TT UA UG UZ YU
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
 NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 PRAI US 2003-10/678,782 20031003
 AI WO 2004-US31563 A 20040927
 ICM C07C229-28
 ICS C08G018-00; C09D175-00

L5 ANSWER 2 OF 2 USPATFULL on STN
 AN 2005:88012 USPATFULL
 TI Process for preparing aspartates
 IN Roesler, Richard R., Wexford, PA, UNITED STATES
 Squiller, Edward P., Bridgeville, PA, UNITED STATES
 Wayt, Terry D., Moundsville, WV, UNITED STATES
 Long, Brian, Clarington, OH, UNITED STATES
 PI US 2005075477 A1 20050407
 AI US 2003-678782 A1 20031003 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 496
 INCL INCLM: 528/332.000
 INCLS: 528/335.000; 528/491.000; 528/503.000
 NCL NCLM: 528/332.000
 NCLS: 528/335.000; 528/491.000; 528/503.000
 IC [7]

ICM C08G069-26
ICS C08G002-00
IPCI C08G0069-26 [ICM,7]; C08G0069-00 [ICM,7,C*]; C08G0002-00 [ICS,7]
IPCR C07C0229-00 [I,C*]; C07C0229-24 [I,A]; C07C0229-28 [I,A];
C08G0018-00 [I,C*]; C08G0018-38 [I,A]; C09D0175-04 [I,C*];
C09D0175-04 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 14 and (alkylene oxide# or cycloalkylene oxide# or phenylglycidyl ether#)
L6 10 L4 AND (ALKYLENE OXIDE# OR CYCLOALKYLENE OXIDE# OR PHENYLGLYCID
YL ETHER#)

=> d 16 1-10

L6 ANSWER 1 OF 10 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

AN 1999:88316 EPFULL
DUPD 20010314 DUPW 200111

TIEN Aqueous compounds containing alkoxysilane and/or silanol groups.
TIFR Composes aqueux contenant des groupes alkoxysilanes et/ou silanol.
TIDE Waessrige Verbindungen die Alkoxysilan- und/oder Silanolgruppen
enthalten.

IN Yu, Poli C., P.O. Box 697, Ingomar, PA 15127, US;
Corso, William A., 131 Darnley Drive, Coraopolis, PA 15108, US;
Roesler, Richard R., 863 Hillcrest Circle, Wexford, PA 15090, US
PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
PAN 923419

AG Feldhues, Michael L.F., Dr., et al, Bayer Aktiengesellschaft,
Konzernbereich RP, Patente und Lizenzen, 51368 Leverkusen, DE

AGN 83411

DT Patent

LAF English

LA English

LAP English

TL German; English; French

PIT EPA1 Application published with search report

PI EP 1013686 A1 20000628

DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AI EP 1999-124071 A 19991210

PRAI US 1998-221032 A 19981223

IC.VER 7

ICM C08G018-28

ICS C08G018-10

AN 1999:88316 EPFULL ED 20050104 UP 20070523
DUPD 20070523 DUPW 200721

TIEN Aqueous compounds containing alkoxysilane and/or silanol groups.
TIFR Composes aqueux contenant des groupes alkoxysilanes et/ou silanol.
TIDE Waessrige Verbindungen die Alkoxysilan- und/oder Silanolgruppen
enthalten.

IN Yu, Poli C., P.O. Box 697, Ingomar, PA 15127, US;
Corso, William A., 131 Darnley Drive, Coraopolis, PA 15108, US;
Roesler, Richard R., 863 Hillcrest Circle, Wexford, PA 15090, US
PA BAYER CORPORATION, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
PAN 923419

AG Feldhues, Michael L.F., et al, Bayer Aktiengesellschaft, Konzernbereich
RP, Patente und Lizenzen, 51368 Leverkusen, DE

AGN 83411

DT Patent

LAF English

LA English

LAP English

TL German; English; French

PIT EPB1 Granted patent
 PI EP 1013686 B1 20041222
 DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AI EP 1999-124071 A 19991210
 PRAI US 1998-221032 A 19981223
 REP EP 831108 A
 EP 864575 A
 IPCI C08G0018-28 [I,A]; C08G0018-10 [I,A]
 C08G0018-00 [I,C*]; C08G0018-00 [I,C*]

 L6 ANSWER 2 OF 10 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

 AN 1999:88315 EPFULL
 DUPD 20040630 DUPW 200427
 TIEN Aqueous compositions containing colloidal silica and compounds with
 alkoxysilane and/or silanol groups.
 TIFR Compositions aqueuses contenant de la silice colloïdale et des composés
 a groupements alkoxysilane et/ou silanol.
 TIDE Waessrige Zusammensetzungen, die kolloidale Kieselsäure und
 Verbindungen mit Alkoxysilan- und/oder Silanolgruppen enthalten.
 IN Yu, Poli C., P.O. Box 697, Ingomar, PA 15127, US;
 Corso, William A., 131 Darnley Drive, Coraopolis, PA 15108, US;
 Roesler, Richard R., 863 Hillcrest Circle, Wexford, PA 15090, US;
 Kleer, Joseph R., 455 Crescent Blvd. Ext., Crescent, PA 15046, US
 PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 PAN 923419
 AG Feldhues, Michael L.F., Dr., et al, Bayer Aktiengesellschaft,
 Konzernbereich RP, Patente und Lizenzen, 51368 Leverkusen, DE
 AGN 83411
 DT Patent
 LAF English
 LA English
 LAP English
 TL German; English; French
 PIT EPA1 Application published with search report
 PI EP 1013685 A1 20000628
 DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AI EP 1999-124070 A 19991210
 PRAI US 1998-221033 A 19981223
 IC.VER 7
 ICM C08G018-28
 ICS C08G018-10; C08K003-36

 AN 1999:88315 EPFULL ED 20050309 UP 20070523
 DUPD 20070523 DUPW 200721
 TIEN Aqueous compositions containing colloidal silica and compounds with
 alkoxysilane and/or silanol groups.
 TIFR Compositions aqueuses contenant de la silice colloïdale et des composés
 a groupements alkoxysilane et/ou silanol.
 TIDE Waessrige Zusammensetzungen, die kolloidale Kieselsäure und
 Verbindungen mit Alkoxysilan- und/oder Silanolgruppen enthalten.
 IN Yu, Poli C., P.O. Box 697, Ingomar, PA 15127, US;
 Corso, William A., 131 Darnley Drive, Coraopolis, PA 15108, US;
 Roesler, Richard R., 863 Hillcrest Circle, Wexford, PA 15090, US;
 Kleer, Joseph R., 455 Crescent Blvd. Ext., Crescent, PA 15046, US
 PA BAYER CORPORATION, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 PAN 923419
 AG Feldhues, Michael L.F., et al, Bayer Aktiengesellschaft, Konzernbereich
 RP, Patente und Lizenzen, 51368 Leverkusen, DE
 AGN 83411
 DT Patent
 LAF English
 LA English
 LAP English

TL German; English; French
 PIT EPB1 Granted patent
 PI EP 1013685 B1 20050309
 DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AI EP 1999-124070 A 19991210
 PRAI US 1998-221033 A 19981223
 REP EP 831108 A
 EP 864575 A
 US 5859118 A
 IPCI C08G0018-28 [I,A]; C08G0018-10 [I,A]; C08K0003-36 [I,A]
 C08G0018-00 [I,C*]; C08G0018-00 [I,C*]; C08K0003-00 [I,C*]

 L6 ANSWER 3 OF 10 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

 AN 1997:43831 EPFULL
 DUPD 19990120 DUPW 199903
 TIEN Aqueous polyurea dispersions and their use for preparing coatings with
 excellent hydrolytic and thermal stability.
 TIFR Dispersions aqueuses de polyuree et leur utilisation pour la preparation
 de revetements avec une stabilite thermique et a l'hydrolyse excellente.
 TIDE Waessrige Polyureadispersionen und deren Verwendung zur Herstellung von
 Beschichtungen mit ausgezeichneter hydrolytischer und thermischer
 Stabilitaet.
 IN Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US;
 Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
 Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
 Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
 Mason, Arthur W., 1862 S. State Rt. 2, Sistersville, WV 26175, US;
 Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US
 PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 PAN 923419
 AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und
 Lizenzen, 51368 Leverkusen, DE
 AGN 52252
 DT Patent
 LAF English
 LA English
 LAP English
 TL German; English; French
 PIT EPA2 Application published without search report
 PI EP 825213 A2 19980225
 EP 825213 A3 19980506
 DS BE CH DE FR GB IT LI NL
 AI EP 1997-113641 A 19970807
 PRAI US 1996-700183 A 19960820
 IC.VER 6
 ICM C08G018-78
 ICS C08G018-08; C08G018-10; C08G018-38; C09D175-02

 AN 1997:43831 EPFULL
 DUPD 19980506 DUPW 199819
 TIEN Aqueous polyurea dispersions and their use for preparing coatings with
 excellent hydrolytic and thermal stability.
 TIFR Dispersions aqueuses de polyuree et leur utilisation pour la preparation
 de revetements avec une stabilite thermique et a l'hydrolyse excellente.
 TIDE Waessrige Polyureadispersionen und deren Verwendung zur Herstellung von
 Beschichtungen mit ausgezeichneter hydrolytischer und thermischer
 Stabilitaet.
 IN Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US;
 Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
 Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
 Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
 Mason, Arthur W., 1862 S. State Rt. 2, Sistersville, WV 26175, US;
 Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US

PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 PAN 923419
 AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und
 Lizenzen, 51368 Leverkusen, DE
 AGN 52252
 DT Patent
 LAF English
 LA English
 LAP English
 TL German; English; French
 PIT EPA3 Separate publication of search report
 PI EP 825213 A3 19980506
 DS AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AI EP 1997-113641 A 19970807
 PRAI US 1996-700183 A 19960820
 IC.VER 6
 ICM C08G018-78
 ICS C08G018-08; C08G018-10; C08G018-38; C09D175-02

 AN 1997:43831 EPFULL
 DUPD 20041027 DUPW 200444
 TIEN Aqueous polyurea dispersions and their use for preparing coatings with
 excellent hydrolytic and thermal stability.
 TIFR Dispersions aqueuses de polyuree et leur utilisation pour la preparation
 de revetements avec une stabilite thermique et a l'hydrolyse excellente.
 TIDE Waessrige Polyureadispersionen und deren Verwendung zur Herstellung von
 Beschichtungen mit ausgezeichneter hydrolytischer und thermischer
 Stabilitaet.
 IN Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US;
 Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
 Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
 Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
 Mason, Arthur W., 1862 S. State Rt. 2, Sistersville, WV 26175, US;
 Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US
 PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US
 PAN 923419
 AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und
 Lizenzen, 51368 Leverkusen, DE
 AGN 52252
 DT Patent
 LAF English
 LA English
 LAP English
 TL German; English; French
 PIT EPB1 Granted patent
 PI EP 825213 B1 20031105
 DS BE CH DE FR GB IT LI NL
 AI EP 1997-113641 A 19970807
 PRAI US 1996-700183 A 19960820
 REP EP 667362 A
 FR 1566462 A
 US 4501852 A
 US 5243012 A
 IC.VER 7
 ICM C08G018-78
 ICS C08G018-08; C08G018-10; C08G018-38; C09D175-02

 L6 ANSWER 4 OF 10 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

 AN 1997:43830 EPFULL
 DUPD 19990120 DUPW 199903
 TIEN Aqueous polyurethane dispersions and their use for preparing coatings
 with excellent hydrolytic and thermal stability.
 TIFR Dispersions aqueuses de polyurethane et leur utilisation pour la

preparation de revetements avec une stabilite thermique et a l'hydrolyse
excellente.

TIDE Waessrige Polyurethandispersionen und deren Verwendung zur Herstellung
von Beschichtungen mit ausgezeichneter hydrolitischer und thermischer
Stabilitaet.

IN Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
Mason, Arthur W., 1862 S. State Rt. 2, Sistersville, WV 26175, US;
Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US;
Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US

PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US

PAN 923419

AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und
Lizenzen, 51368 Leverkusen, DE

AGN 52252

DT Patent

LAF English

LA English

LAP English

TL German; English; French

PIT EPA2 Application published without search report

PI EP 825212 A2 19980225
EP 825212 A3 19980506

DS BE CH DE FR GB IT LI NL

AI EP 1997-113640 A 19970807

PRAI US 1996-704416 A 19960820

IC.VER 6

ICM C08G018-78

ICS C08G018-08; C08G018-10; C08G018-38; C09D175-04

AN 1997:43830 EPFULL
DUPD 19980506 DUPW 199819

TIEN Aqueous polyurethane dispersions and their use for preparing coatings
with excellent hydrolytic and thermal stability.

TIFR Dispersions aqueuses de polyurethane et leur utilisation pour la
preparation de revetements avec une stabilite thermique et a l'hydrolyse
excellente.

TIDE Waessrige Polyurethandispersionen und deren Verwendung zur Herstellung
von Beschichtungen mit ausgezeichneter hydrolitischer und thermischer
Stabilitaet.

IN Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
Mason, Arthur W., 1862 S. State Rt. 2, Sistersville, WV 26175, US;
Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US;
Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US

PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US

PAN 923419

AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und
Lizenzen, 51368 Leverkusen, DE

AGN 52252

DT Patent

LAF English

LA English

LAP English

TL German; English; French

PIT EPA3 Separate publication of search report

PI EP 825212 A3 19980506

DS AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AI EP 1997-113640 A 19970807

PRAI US 1996-704416 A 19960820

IC.VER 6

ICM C08G018-78

ICS C08G018-08; C08G018-10; C08G018-38; C09D175-04

AN 1997:43830 EPFULL
DUPD 20040818 DUPW 200434

TIEN Aqueous polyurethane dispersions and their use for preparing coatings with excellent hydrolytic and thermal stability.

TIFR Dispersions aqueuses de polyurethane et leur utilisation pour la preparation de revetements avec une stabilite thermique et a l'hydrolyse excellente.

TIDE Waessrige Polyurethandispersionen und deren Verwendung zur Herstellung von Beschichtungen mit ausgezeichneter hydrolitischer und thermischer Stabilitaet.

IN Wicks, Douglas A., 79 Seneca, Mt. Lebanon, PA 15228, US;
Mason, Arthur W., 1862 S. State Rt. 2, Sisterville, WV 26175, US;
Yeske, Philip E., Wolfskaul 7, 51061 Koeln, DE;
Gindin, Lyuba K., 530 N. Meadowcroft Ave., Pittsburgh, PA 15216, US;
Yonek, Kenneth P., 530 Robinhood Lane, McMurray, PA 15317, US;
Schmitt, Peter D., 2236 Williamsburg Dr., Glen Dale, WV 26038, US

PA Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, US

PAN 923419

AG Steiling, Lothar, Dr., et al, Bayer AG Konzernbereich RP Patente und Lizenzen, 51368 Leverkusen, DE

AGN 52252

DT Patent

LAF English

LA English

LAP English

TL German; English; French

PIT EPB1 Granted patent

PI EP 825212 B1 20030827

DS BE CH DE FR GB IT LI NL

AI EP 1997-113640 A 19970807

PRAI US 1996-704416 A 19960820

REP EP 403921 A
EP 743333 A
DE 1905367 A
US 4501852 A

IC.VER 7

ICM C08G018-78

ICS C08G018-08; C08G018-10; C08G018-38; C09D175-04

L6 ANSWER 5 OF 10 PCTFULL COPYRIGHT 2007 Univentio on STN

AN 2005035482 PCTFULL ED 20050425 EW 200516

TIEN PROCESS FOR PREPARING ASPARTATES

TIFR PROCEDE DE PREPARATION D'ASPARTATES

IN ROESLER, Richard, R., 863 Hillcrest Circle, Wexford, PA 15090-7583, US [US, US];
SQUILLER, Edward, P., 722 Augusta Drive, Bridgeville, PA 15017, US [US, US];
WAYT, Terry, D., 1503 Fifth Street, Moundsville, WV 26041-1920, US [US, US];
LONG, Brian, 52044 Case Ridge Road, Clarington, OH 43915, US [US, US]

PA BAYER MATERIALSCIENCE LLC, 100 Bayer Road, Pittsburgh, PA 15205-9741, US [US, US], for all designates States except US;
ROESLER, Richard, R., 863 Hillcrest Circle, Wexford, PA 15090-7583, US [US, US], for US only;
SQUILLER, Edward, P., 722 Augusta Drive, Bridgeville, PA 15017, US [US, US], for US only;
WAYT, Terry, D., 1503 Fifth Street, Moundsville, WV 26041-1920, US [US, US], for US only;
LONG, Brian, 52044 Case Ridge Road, Clarington, OH 43915, US [US, US], for US only

AG GIL, Joseph, C., Bayer MaterialScience LLC, 100 Bayer Road, Pittsburgh, PA 15205-9741, US

LAF English
 LA English
 DT Patent
 PI WO 2005035482 A2 20050421
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
 SL TJ TR TT UA UG UZ YU
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
 NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 PRAI US 2003-10/678,782 20031003
 AI WO 2004-US31563 A 20040927
 ICM C07C229-28
 ICS C08G018-00; C09D175-00

L6 ANSWER 6 OF 10 USPATFULL on STN
 AN 2005:88012 USPATFULL
 TI Process for preparing aspartates
 IN Roesler, Richard R., Wexford, PA, UNITED STATES
 Squiller, Edward P., Bridgeville, PA, UNITED STATES
 Wayt, Terry D., Moundsville, WV, UNITED STATES
 Long, Brian, Clarington, OH, UNITED STATES
 PI US 2005075477 A1 20050407
 AI US 2003-678782 A1 20031003 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 496
 INCL INCLM: 528/332.000
 INCLS: 528/335.000; 528/491.000; 528/503.000
 NCL NCLM: 528/332.000
 NCLS: 528/335.000; 528/491.000; 528/503.000
 IC [7]
 ICM C08G069-26
 ICS C08G002-00
 IPCI C08G0069-26 [ICM,7]; C08G0069-00 [ICM,7,C*]; C08G0002-00 [ICS,7]
 IPCR C07C0229-00 [I,C*]; C07C0229-24 [I,A]; C07C0229-28 [I,A];
 C08G0018-00 [I,C*]; C08G0018-38 [I,A]; C09D0175-04 [I,C*];
 C09D0175-04 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 10 USPATFULL on STN
 AN 2000:114036 USPATFULL
 TI Aqueous compounds containing alkoxysilane and/or silanol groups
 IN Yu, Poli C., Ingomar, PA, United States
 Corso, William A., Coraopolis, PA, United States
 Roesler, Richard R., Wexford, PA, United States
 PA Bayer Corporation, Pittsburgh, PA, United States (U.S. corporation)
 PI US 6111010 20000829
 AI US 1998-221032 19981223 (9)
 DT Utility
 FS Granted
 LN.CNT 639
 INCL INCLM: 524/588.000
 INCLS: 524/838.000; 524/839.000; 524/591.000
 NCL NCLM: 524/588.000

NCLS: 524/591.000; 524/838.000; 524/839.000
IC [7]
ICM C08K003-20
IPCI C08K0003-20 [ICM,7]; C08K0003-00 [ICM,7,C*]
IPCR C08G0018-00 [I,C*]; C08G0018-28 [I,A]; C08G0018-79 [I,A];
C08G0018-83 [I,A]
EXF 524/838; 524/839; 524/588; 524/591
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 10 USPATFULL on STN
AN 2000:61679 USPATFULL
TI Aqueous compositions containing colloidal silica and compounds with
alkoxysilane and/or silanol groups
IN Yu, Poli C., Ingomar, PA, United States
Corso, William A., Coraopolis, PA, United States
Roesler, Richard R., Wexford, PA, United States
Kleer, Joseph R., Crescent, PA, United States
PA Bayer Corporation, Pittsburgh, PA, United States (U.S. corporation)
PI US 6063863 20000516
AI US 1998-221033 19981223 (9)
DT Utility
FS Granted
LN.CNT 642
INCL INCLM: 524/838.000
INCLS: 524/839.000; 106/287.110
NCL NCLM: 524/838.000
NCLS: 106/287.110; 524/839.000
IC [7]
ICM C08L083-08
IPCI C08L0083-08 [ICM,7]; C08L0083-00 [ICM,7,C*]
IPCR C08G0018-00 [I,C*]; C08G0018-28 [I,A]; C09D0004-00 [I,A];
C09D0004-00 [I,C*]; C09D0183-08 [I,A]; C09D0183-08 [I,C*];
C09J0004-00 [I,A]; C09J0004-00 [I,C*]; C09J0183-00 [I,C*];
C09J0183-08 [I,A]
EXF 524/838; 524/839; 106/287.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 10 USPATFULL on STN
AN 1998:58169 USPATFULL
TI Compounds containing alkoxysilane groups and hydantoin groups
IN Schmalstieg, Lutz, Koln, Germany, Federal Republic of
Rettig, Rainer, Lindlar, Germany, Federal Republic of
Limbeck, Gotz, Overath, Germany, Federal Republic of
Roesler, Richard R., Wexford, PA, United States
Squiller, Edward P., Pittsburgh, PA, United States
Yeske, Philip E., Koln, Germany, Federal Republic of
Siranovich, Stanley F., Imperial, PA, United States
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
(non-U.S. corporation)
Bayer Corporation, Pittsburgh, PA, United States (U.S. corporation)
PI US 5756751 19980526
AI US 1997-855423 19970513 (8)
PRAI DE 1996-19619538 19960515
DT Utility
FS Granted
LN.CNT 879
INCL INCLM: 548/110.000
INCLS: 106/014.050; 106/014.160; 106/014.440; 528/017.000; 528/018.000
NCL NCLM: 548/110.000
NCLS: 106/014.050; 106/014.160; 106/014.440; 528/017.000; 528/018.000
IC [6]
ICM C07D231-00
IPCI C07D0231-00 [ICM,6]
IPCR C08G0018-00 [I,C*]; C08G0018-10 [I,A]; C08G0018-83 [I,A];

C09D0175-04 [I,C*]; C09D0175-04 [I,A]; C09D0183-08 [I,C*];
C09D0183-08 [I,A]; C09K0003-10 [I,C*]; C09K0003-10 [I,A]
EXF 548/110; 106/14.05; 106/14.16; 106/14.44; 528/17; 528/18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 10 USPATFULL on STN
AN 1998:33988 USPATFULL
TI Aqueous polyurethane dispersions and their use for preparing coatings
with excellent hydrolytic and thermal stability
IN Wicks, Douglas A., Mt. Lebanon, PA, United States
Mason, Arthur W., Sisterville, WV, United States
Yeske, Philip E., Pittsburgh, PA, United States
Gindin, Lyuba K., Pittsburgh, PA, United States
Yonek, Kenneth P., McMurray, PA, United States
Schmitt, Peter D., Glen Dale, WV, United States
PA Bayer Corporation, Pittsburgh, PA, United States (U.S. corporation)
PI US 5733967 19980331
AI US 1996-704416 19960820 (8)
DT Utility
FS Granted
LN.CNT 983
INCL INCLM: 524/591.000
INCLS: 524/539.000; 524/589.000; 524/590.000; 524/839.000; 524/840.000;
524/874.000
NCL NCLM: 524/591.000
NCLS: 524/539.000; 524/589.000; 524/590.000; 524/839.000; 524/840.000;
524/874.000
IC [6]
ICM C08J003-00
ICS C08K003-20; C08L075-00
IPCI C08J0003-00 [ICM,6]; C08K0003-20 [ICS,6]; C08K0003-00 [ICS,6,C*];
C08L0075-00 [ICS,6]
IPCR C08G0018-00 [I,C*]; C08G0018-08 [I,A]; C08G0018-10 [I,A];
C08G0018-28 [I,A]; C08G0018-38 [I,A]; C08G0018-80 [I,A]
EXF 524/539; 524/591; 524/839; 524/840; 524/589; 524/590; 524/874
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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